

70627-56

9/20/2012

1/12

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



Office of Pesticide Programs

SEP 20 2012

JohnsonDiversey, Inc.  
8310 16<sup>th</sup> Street  
P.O. Box 902  
Sturtevant, WI 53177-0902

Attention: Rebecca L. Mannion  
Senior Registration Specialist

**Subject: Oxivir Tb**  
EPA Registration No. 70627-56  
Amendment Dated July 30, 2012

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

**Proposed Amendment**

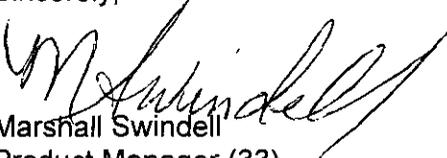
- To list testing surrogates for HBV and HCV and addition of two statements per California DPR policy

**General Comments**

A stamped copy of the "accepted" product labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,

  
Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)

Enclosure



3/12

(Note to Agency: Text appearing in parenthesis is done to show optional text.)

**(FEATURES, CLAIMS & USES:)**

**(General Uses:)**

For Use in Health Care, Veterinary, Animal Housing, Dental, (Life Science) Laboratory, Medical, Industrial & Institutional Facilities, Food Processing Establishments, and Hospitals.

This product is a one-step (hospital-use) germicidal (disinfectant) cleaner and deodorant (odor-counteractant) (odor neutralizer) designed for general cleaning, (and) disinfecting (deodorizing) (of) hard, non-porous inanimate surfaces. It cleans quickly by removing dirt, grime, and other common soils found in hospitals, nursing homes (long-term care), (medical) (dental) offices, schools & colleges, correctional facilities, transportation terminals (airports, train stations, bus stations, truck stops, rest (stops) areas), hotels, motels, casinos, cruise ships, other institutional/commercial buildings, homes cleaned by (home cleaning services,)(professional cleaning services,)(medical assistance services,) office buildings, veterinary clinics, pet shops, equine farms, and animal & life science laboratories.

This product's non-dulling formula eliminates the time and labor normally required for rinsing. It is designed for use on (Use daily on) (the following) (hard, non-porous inanimate surfaces): (vinyl), (Naugahyde), painted surfaces, plastic (surfaces), glazed ceramic, glazed porcelain, chrome, stainless steel, aluminum, laminated surfaces and baked enamel surfaces associated with floors, walls, ceilings, tables, chairs, countertops, telephones, fixtures, glazed tile, sinks – almost any washable (non-food contact) surface where disinfection is required. A potable water rinse is required for food contact surfaces. Do not use on glasses, dishes and utensils.

**(Hospitals/Health Care Facilities/Dental Offices/Life Science Laboratories:)**

This product is a one-step (hospital-use) (laboratory-use) germicidal (disinfectant) cleaner and deodorant (odor-counteractant) (odor neutralizer) designed for general cleaning, (and) disinfecting, (deodorizing) (of) hard, non-porous inanimate surfaces. This product cleans quickly by removing dirt, grime, food residue, dead skin, blood and other organic matter commonly found in hospitals, (in health care facilities), ambulances, emergency vehicles, clinics, surgical centers, neonatal care units, physician offices, (laboratory settings). It also eliminates odors, leaving (restroom) surfaces smelling clean and fresh. Use where odors are a problem.

This product cleans, disinfects and deodorizes hard, non-porous inanimate (hospital) (medical) (dental) (laboratory) surfaces in one step (with no rinsing required). Its non-abrasive formula is designed for use on (Use daily on) (the following) (hard, non-porous inanimate surfaces:) (vinyl), (Naugahyde), painted surfaces, plastic (surfaces), glazed ceramic, glazed porcelain, chrome, stainless steel, laminated surfaces (and baked enamel surfaces associated with floors), walls, ceilings, tables, chairs, countertops, telephones, fixtures, glazed tile, toilet exteriors, urinal exteriors, sinks found in (health care facilities), (hospitals), (dental offices), (patient rooms), (operating rooms), (ICU areas), (shower rooms), and (locker rooms) (fume hoods and animal cages [found in laboratory settings]). (It can be used to pre-clean and disinfect hospital items: wheelchairs, (hospital) (patient) bedrails and linings (patient bed linings) (vinyl mattress covers), wash basins, bed pans, non-critical medical equipment surfaces – almost any washable (food and non-food contact) surface (where disinfection is required). A potable water rinse is required when disinfecting food contact surfaces. Do not use on glasses, dishes and utensils.

**(Animal Housing Facilities:)**

This product cleans by removing dirt, grime, blood, urine, fecal matter and other common soils found in animal housing facilities, grooming facilities, farms, kennels, pet stores, veterinary clinics, laboratories or other small animal facilities. It (also) eliminates odors leaving surfaces smelling clean and fresh.

This product cleans, disinfects and deodorizes hard, non-porous environmental surfaces in one step. Its non-abrasive formula is designed for use on (Use daily on) (Use daily to clean and disinfect) (hard, non-porous surfaces:) plated or stainless steel, chrome, glazed porcelain, glazed tile, laminated surfaces (associated with floors, walls, countertops, cages, kennels, animal equipment), found in (barns, pens and stalls) animal housing facilities.

**(Refill)**

To Transfer This Product Into Smaller Containers:

[This product may be transferred into clean, properly labeled containers for use elsewhere within your facility.] The small container and transfer items (funnels or hand pumps) must be clean and dry. Pour (or pump) product directly into a properly labeled smaller container being careful not to spill any product. Keep containers sealed when not in use. Refill in a well ventilated area.

ACCEPTED  
with COMMENTS  
in 2012  
SEP 20  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 7627-56  
July 30, 2012  
EPA Reg. No. 70627-56  
Page 2 of 11

(Note to Agency: Text appearing in parenthesis is done to show optional text.)

4/12

**(CLAIMS:)**

When used as directed, this product is highly effective against a wide variety (broad-spectrum) of pathogenic microorganisms (including bacteria, antibiotic resistant bacteria, viruses, and fungi). (See reference sheet (enclosed in each case) for a complete list of organisms.)

**Using approved AOAC test methods (under Good Laboratory Practices, [GLP's]), 5% serum load and 1 minute contact time this product kills the following on hard non-porous inanimate surfaces:**

**Bactericidal Activity:**

*Staphylococcus aureus*, (ATCC 6538)  
*Salmonella enterica*, (ATCC 10708)  
Formerly known as *Salmonella choleraesuis*  
*Pseudomonas aeruginosa*, (ATCC 15442)

*Acinetobacter baumannii*, (ATCC 19606)  
*Escherichia coli* O157:H7, (ATCC 35150)  
*Escherichia coli* with extended beta-lactamase resistance (ESBL), (ATCC BAA-196)

*Klebsiella pneumoniae*, (ATCC 4352)  
*Shigella dysenteriae*, (ATCC 11835)

**Antibiotic-Resistant (Strains of) Bacteria (Antibiotic-Resistant Bactericidal Activity):**

*Enterococcus faecalis*, (ATCC 51575)  
(Resistant to Vancomycin [VRE])

*Staphylococcus aureus* (CA-MRSA),  
(NARSA NRS 384)(Genotype USA300)  
Community Associated Methicillin Resistant

*Staphylococcus aureus* (CA-MRSA),  
(NARSA NRS 123)(Genotype USA400)  
Community Associated Methicillin Resistant

*Staphylococcus aureus*, (ATCC 33592)  
(Resistant to Methicillin [MRSA])

**\*Viruses (\*Virucidal Activity):**

\*Adenovirus type 8, (ATCC VR-1368)  
\*Hepatitis B Virus (HBV), Duck Hepatitis B Virus (DHBV) as surrogate  
(Acquired from Hepadnavirus Testing)  
\*Hepatitis C Virus (HCV), Bovine Viral Diarrhea Virus (BVDV) as surrogate  
(Acquired from National Veterinary Services Laboratories)

\*Herpes Simplex Virus, Type 1 (HSV-1), (ATCC VR-733)  
\*Herpes Simplex Virus, Type 2 (HSV-2), (ATCC VR-734)  
\*HIV-1 (AIDS Virus), Strain HTLV-III<sub>B</sub> (HIV-1), (Acquired from Adv. Biotechnologies, Inc.)  
\*Human Coronavirus, (ATCC VR-740)  
\*Influenza A/Hong Kong, (ATCC VR-544)

\*Norovirus, (Feline Calicivirus, ATCC VR-782 as the surrogate)  
\*Poliovirus Type 1, Strain Brunhilde, (ATCC VR-1000)  
\*Rhinovirus Type 37, Strain 151-1, (ATCC VR-1147)  
\*Rotavirus WA, (Acquired from University of Ottawa)

**(\*Veterinary Viruses:)**

\*Avian Influenza A (H3N2), (ATCC VR-2072)

\*Feline Calicivirus, Strain F9, (ATCC VR-782)

**TUBERCULOCIDAL** in the presence of a 5% serum load and 5 minute contact time at 20°C (68°F) on hard, non-porous environmental surfaces.

*Mycobacterium bovis* (Tb) (OT 451C150)

**FUNGICIDAL:** This product is fungicidal against the pathogenic fungus *Trichophyton mentagrophytes* (ATCC 9533) (the fungus which causes Athlete's Foot) in the presence of a 5% serum load and 10 minute contact time when used as directed on hard surfaces found in bathrooms, shower stalls, locker rooms, or other non-porous, hard surfaces commonly contacted by bare feet.

*Trichophyton mentagrophytes* (ATCC 9533)

**Non-Food Contact Surface Sanitizer for hard non-porous surfaces** in the presence of a 5% serum load and 30 second contact time on hard, non-porous environmental surfaces.

*Enterococcus faecalis*, (ATCC 51575)  
(Resistant to Vancomycin [VRE])  
*Escherichia coli* O157:H7, (ATCC 35150)  
*Klebsiella pneumoniae*, (ATCC 4352)

*Pseudomonas aeruginosa*, (ATCC 15442)  
*Salmonella enterica*, (ATCC 10708)

*Staphylococcus aureus*, (ATCC 6538)  
*Staphylococcus aureus*, (ATCC 33592)  
(Resistant to Methicillin [MRSA])

**Malodor(s) (Activity) (Counteractancy)** – eliminates (destroys) odors and odor-causing bacteria on hard, nonporous surfaces in restroom areas, behind and under sinks and counters, and storage areas (and other places where bacterial growth can cause malodors).

ACCEPTED 20  
with COMMENTS  
in EPA Letter Dated:  
SEP 20 2012  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide registered under EPA Registration No. 70001-54

(Note to Agency: Text appearing in parenthesis is done to show optional text.)

5/12

**DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

(This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the blood stream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.)

**For Use as a One-Step Cleaner/Disinfectant Product:**

1. Pre-clean heavily soiled areas.
2. Apply product by coarse trigger sprayer to hard, non-porous inanimate surfaces. Spray 6 – 8 inches from surface, making sure to wet surfaces thoroughly.
3. All surfaces must remain wet for 1 minute. Use a 5 minute contact time for Tb and a 10 minute contact time for fungi.
4. Wipe surfaces dry (or rinse) (or allow to air dry).

Note: Rinsing is not necessary unless floors are to be coated with finish or restorer. All food contact surfaces must be rinsed with potable water. Do not use on glassware, utensils, or dishes.

**For Use as a Cleaner and/or Deodorizer:**

Apply product by coarse trigger sprayer to hard, non-porous inanimate surfaces. Wipe surfaces dry (or rinse) (or allow to air dry).

**For Use as a Tuberculocide:**

1. Pre-clean heavily soiled areas.
2. Apply product by coarse trigger sprayer to hard, non-porous inanimate surfaces. Spray 6 – 8 inches from surface, making sure to wet surfaces thoroughly.
3. Allow the surface to remain wet for 5 minutes.
4. Wipe surfaces dry (or rinse) (or allow to air dry).
5. Change solution after each use (application).

**To Kill Fungi:**

1. Pre-clean heavily soiled areas.
2. Apply product by coarse trigger sprayer to hard, non-porous inanimate surfaces. Spray 6 – 8 inches from surface, making sure to wet surfaces thoroughly.
3. Allow surface to remain wet for 10 minutes.
4. Wipe surfaces dry (or rinse) (or allow to air dry).

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in EPA Letter Dated:

SEP 20 2012

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

**\*KILLS HIV AND HCV and HBV ON PRE-CLEANED INANIMATE SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings (Hospitals, Nursing Homes) and other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood/body fluids, and in which the surfaces/objects likely to be soiled with blood/body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS) Hepatitis B Virus (HBV), or Hepatitis C Virus (HCV).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATING AGAINST HIV-1 (AIDS Virus), HBV OR HCV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:**

**Personal Protection:** Disposable latex or vinyl gloves, gowns, face masks, and eye coverings as appropriate, must be worn during all cleaning of body fluids, blood, and decontamination procedures.

**Cleaning Procedures:** Blood/Body Fluids must be thoroughly cleaned from surfaces/objects before application of this product.

**Contact Time:** Allow surface to remain wet for 1 minute to kill HIV-1, ~~HBV and HCV~~ Use a 5 minute contact time for Tb and a 10 minute contact for fungi.

**Disposal of Infectious Material:** Blood/Body Fluids must be autoclaved and disposed according to Federal, State and local regulations for infectious waste disposal.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 20 2012

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 70627-54

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6/12

**For use as a Non-Food Contact Sanitizer:**

1. Pre-clean heavily soiled areas.
2. Apply Solution with spray, cloth, disposable wipe or mop to hard, non-porous environmental surfaces.
3. Allow the surface to remain wet for 30 seconds.
4. Wipe surfaces dry (or rinse) (or allow to air dry).
5. Change solution after each use (application).

**Animal Housing Facilities (Including Veterinary Clinics, (Equine) Farms, Livestock, Swine and Poultry Houses):  
For cleaning and disinfecting the following hard, non-porous surfaces: feeding and watering equipment,  
utensils, instruments, cages, kennels, stables, catteries, etc.**

1. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc.
2. Remove all litter, droppings and manure from floors, walls and surfaces of facilities (including pens, chutes, and barns) occupied or traversed by animals.
3. Empty all troughs, racks, and other feeding or watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with potable water. Saturate surfaces by spraying with product for a period of 1 minute. Use a 5 minute contact time for TB and a 10 minute contact time for fungi.
5. Spray handling and restraining equipment such as leashes, muzzles, halters or ropes, as well as forks, shovels, and scrapers used for removing litter and manure.
6. Ventilate buildings and other closed spaces.
7. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub treated feed racks, troughs, mangers, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

**For Use to Clean and Disinfect Life Science Laboratory Surfaces:**

1. Pre-clean heavily soiled areas.
2. Apply product by coarse trigger sprayer to hard, non-porous inanimate surfaces. Spray 6 – 8 inches from surface, making sure to wet surfaces thoroughly.
3. Allow the surface to remain wet for 1 minute. Use a 5 minute contact time for Tb and a 10 minute contact time for fungi.
4. Wipe surfaces dry (or rinse) (or allow to air dry).

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**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Store in original container in areas inaccessible to small children. Keep securely closed.

**PESTICIDE STORAGE**

Store in a dry, well-ventilated area away from chemicals, direct light, heat or open flame. Do not mix with other cleaning or disinfecting products.

**PESTICIDE DISPOSAL**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. For more information on the disposal of unused, unwanted product and the clean up of spills, contact the EPA Regional Office of the Manufacturer for guidance.

**CONTAINER DISPOSAL** Note to reviewer – One or more of the following paragraphs for Container Disposal will be selected, depending on packaging type:

**NONREFILLABLE SEALED CONTAINERS:** Note to reviewer: Several of our packaging options are sealed containers or bottles designed to reduce worker exposure to the concentrate. None of these can be triple rinsed because they are closed, sonically welded, sealed containers. The following text will be used on these sealed container types:

Nonrefillable container. Do not reuse or refill this container. Wrap empty container and put in trash.

**NONREFILLABLE NON-RIGID CONTAINERS:** Note to reviewer: Several of our packaging options are Bag-in-Box containers (a plastic bag liner supported inside a box) or are flexible bag-type containers (such as ACCUPACK™ Containers). These flexible containers are exempt from the triple rinsing requirements. The following text will be used on these container types:

Nonrefillable container. Do not reuse or refill this container. Wrap empty container and put in trash.

**SMALL NONREFILLABLE CONTAINERS:** Note to reviewer: The following text will be used on rigid, nonrefillable containers small enough to shake (5 gallons or smaller):

Nonrefillable container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer container for recycling, if available.

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registered under EPA Reg. No

70627-56

**LARGE NONREFILLABLE CONTAINERS:** Note to reviewer: One of the following paragraphs will be used on labels for rigid, nonrefillable containers too large to shake (larger than 5 gallons):

Nonrefillable container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for at least 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer container for reconditioning, if appropriate.

OR

Nonrefillable container. Clean container promptly after emptying. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Offer for reconditioning, if appropriate.

**REFILLABLE CONTAINERS:** Note to reviewer: One of the following paragraphs will be used on labels for refillable containers:

Refillable container. Refill this container with (this brand or brand name) pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

OR

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container prior to final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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SEP 20 2012  
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registered under EPA Reg. No. 70627-56

(Note to Agency: Text appearing in parenthesis is done... show optional text.)

9/12

**ENVIRONMENTAL HAZARDS** (for labels with veterinary use patterns)

This product is toxic to birds, fish and aquatic invertebrates. Caution should be used when applying indoors because pets may be at risk.

**ENVIRONMENTAL HAZARDS** (for containers of 5 gallons or 50 lbs. or more)

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting agency has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**IN CASE OF EMERGENCY, CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT ADVICE.**

(Insert Emergency Number Here)

Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment.

EPA Reg. No. 70627-56

EPA Est. No.

Lot code indicates site of manufacture.

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AHP™ is a (registered) trademark of Virox Technologies Inc. used under license.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
SEP 20 2012

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 70627-56



# OXIVIR Tb REFERENCE SHEET

Using approved AOAC test methods (under Good Laboratory Practices, [GLP's]), 5% serum load and 1 minute contact time this product kills the following on hard non-porous inanimate surfaces:

### Bactericidal Activity:

*Staphylococcus aureus*, (ATCC 6538)  
*Salmonella enterica*, (ATCC 10708)  
Formerly known as *Salmonella choleraesuis*  
*Pseudomonas aeruginosa*, (ATCC 15442)

*Acinetobacter baumannii*, (ATCC 19606)  
*Escherichia coli* O157:H7, (ATCC 35150)  
*Escherichia coli* with extended beta-lactamase resistance (ESBL), (ATCC BAA-196)

*Klebsiella pneumoniae*, (ATCC 4352)  
*Shigella dysenteriae*, (ATCC 11835)

### Antibiotic-Resistant (Strains of) Bacteria (Antibiotic-Resistant Bactericidal Activity):

*Enterococcus faecalis*, (ATCC 51575)  
(Resistant to Vancomycin [VRE])

*Staphylococcus aureus* (CA-MRSA),  
(NARSA NRS 384)(Genotype USA300)  
Community Associated Methicillin Resistant

*Staphylococcus aureus* (CA-MRSA),  
(NARSA NRS 123)(Genotype USA400)  
Community Associated Methicillin Resistant

*Staphylococcus aureus*, (ATCC 33592)  
(Resistant to Methicillin [MRSA])

### \*Viruses (\*Virucidal Activity):

\*Adenovirus type 8, (ATCC VR-1368)  
\*Hepatitis B Virus (HBV), Duck Hepatitis B Virus (DHBV) as surrogate  
(Acquired from Hepadnavirus Testing)  
\*Hepatitis C Virus (HCV), Bovine Viral Diarrhea Virus (BVDV) as surrogate  
(Acquired from National Veterinary Services Laboratories)

\*Herpes Simplex Virus, Type 1 (HSV-1), (ATCC VR-733)  
\*Herpes Simplex Virus, Type 2 (HSV-2), (ATCC VR-734)  
\*HIV-1 (AIDS Virus), Strain HTLV-III<sub>B</sub> (HIV-1), (Acquired from Adv. Biotechnologies, Inc.)  
\*Human Coronavirus, (ATCC VR-740)  
\*Influenza A/Hong Kong, (ATCC VR-544)

\*Norovirus, (Feline Calicivirus, ATCC VR-782 as the surrogate)  
\*Poliovirus Type 1, Strain Brunhilde, (ATCC VR-1000)  
\*Rhinovirus Type 37, Strain 151-1, (ATCC VR-1147)  
\*Rotavirus WA, (Acquired from University o Ottawa)

### (\*Veterinary Viruses:)

\*Avian Influenza A (H3N2), (ATCC VR-2072)

\*Feline Calicivirus, Strain F9, (ATCC VR-782)

**TUBERCULOCIDAL** in the presence of a 5% serum load and 5 minute contact time at 68°F on hard, non-porous environmental surfaces.

*Mycobacterium bovis* (Tb) (OT 451C150)

**FUNGICIDAL:** This product is fungicidal against the pathogenic fungi *Trichophyton mentagrophytes* (ATCC 9533) (the fungus which causes Athlete's Foot) in the presence of a 5% serum load and 10 minute contact time when used as directed on hard surfaces found in bathrooms, shower stalls, locker rooms, or other clean, non-porous, hard surfaces commonly contacted by bare feet.

*Trichophyton mentagrophytes* (ATCC 9533)

**Non-Food Contact Surface Sanitizer for hard non-porous surfaces** in the presence of a 5% serum load and 30 second contact time on hard, non-porous environmental surfaces.

*Enterococcus faecalis*, (ATCC 51575)  
(Resistant to Vancomycin [VRE])  
*Escherichia coli* O157:H7, (ATCC 35150)  
*Klebsiella pneumoniae*, (ATCC 4352)

*Pseudomonas aeruginosa*, (ATCC 15442)  
*Salmonella enterica*, (ATCC 10708)

*Staphylococcus aureus*, (ATCC 6538)  
*Staphylococcus aureus*, (ATCC 33592)  
(Resistant to Methicillin [MRSA])

**Malodor(s) (Activity) (Counteractancy)** – eliminates (destroys) odors and odor-causing bacteria on hard, nonporous surfaces in restroom areas, behind and under sinks and counters, and storage areas (and other places where bacterial growth can cause malodors).

ACCEPTED with COMMENTS in EPA L 1200-068

SEP 20 2012

Under the Federal Insecticide, Fungicide, and Rodenticide Act, amended for the pesticide, Trichophyton mentagrophytes, registered under EPA Reg. No. 70627-56

70627-56

11/12

**DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

(This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the blood stream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.)

**For Use as a One-Step Cleaner/Disinfectant Product:**

1. Pre-clean heavily soiled areas.
2. Apply product by coarse trigger sprayer to hard, non-porous inanimate surfaces. Spray 6 – 8 inches from surface, making sure to wet surfaces thoroughly.
3. All surfaces must remain wet for 1 minute. Use a 5 minute contact time for Tb and a 10 minute contact time for fungi.
4. Wipe surfaces dry (or rinse) (or allow to air dry).

Note: Rinsing is not necessary unless floors are to be coated with finish or restorer. All food contact surfaces must be rinsed with potable water. Do not use on glassware, utensils, or dishes.

**For Use as a Cleaner and/or Deodorizer:**

Apply to hard non-porous surfaces by spray, cloth, sponge, or mop. Wipe surfaces dry (or rinse) (or allow to air dry).

**For Use as a Tuberculocide:**

1. Pre-clean heavily soiled areas.
2. Apply product by coarse trigger sprayer to hard, non-porous inanimate surfaces. Spray 6 – 8 inches from surface, making sure to wet surfaces thoroughly.
3. Allow the surface to remain wet for 5 minutes.
4. Wipe surfaces dry (or rinse) (or allow to air dry).
5. Change solution after each use (application).

**To Kill Fungi:**

1. Pre-clean heavily soiled areas.
2. Apply product by coarse trigger sprayer to hard, non-porous inanimate surfaces. Spray 6 – 8 inches from surface, making sure to wet surfaces thoroughly.
3. Allow surface to remain wet for 10 minutes.
4. Wipe surfaces dry (or rinse) (or allow to air dry).

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amended, for the pesticide,  
registered under EPA Reg. No. 70627-56

**\*KILLS HIV AND HCV and HBV ON PRE-CLEANED INANIMATE SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings (Hospitals, Nursing Homes) and other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood/body fluids, and in which the surfaces/objects likely to be soiled with blood/body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS) Hepatitis B Virus (HBV), or Hepatitis C Virus (HCV).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATING AGAINST HIV-1 (AIDS Virus), HBV OR HCV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:**

**Personal Protection:** Disposable latex or vinyl gloves, gowns, face masks, and eye coverings as appropriate, must be worn during all cleaning of body fluids, blood, and decontamination procedures.

**Cleaning Procedures:** Blood/Body Fluids must be thoroughly cleaned from surfaces/objects before application of this product.

**Contact Time:** Allow surface to remain wet for 1 minute to kill HIV-1, HBV and HCV. Use a 5 minute contact time for Tb and a 10 minute contact for fungi.

**Disposal of Infectious Material:** Blood/Body Fluids must be autoclaved and disposed according to Federal, State and local regulations for infectious waste disposal.

**For use as a Non-Food Contact Sanitizer:**

1. Pre-clean heavily soiled areas.
2. Apply Solution with spray, cloth, disposable wipe or mop to hard, non-porous environmental surfaces.
3. Allow the surface to remain wet for 30 seconds.
4. Wipe surfaces dry (or rinse) (or allow to air dry).
5. Change solution after each use (application).

**Animal Housing Facilities (Including Veterinary Clinics, (Equine) Farms, Livestock, Swine and Poultry Houses): For cleaning and disinfecting the following hard, non-porous surfaces: feeding and watering equipment, utensils, instruments, cages, kennels, stables, catteries, etc.**

1. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc.
2. Remove all litter, droppings and manure from floors, walls and surfaces of facilities (including pens, chutes, and barns) occupied or traversed by animals.
3. Empty all troughs, racks, and other feeding or watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with potable water. Saturate surfaces by spraying with product for a period of 1 minute. Use a 5 minute contact time for TB and a 10 minute contact time for fungi.
5. Spray handling and restraining equipment such as leashes, muzzles, halters or ropes, as well as forks, shovels, and scrapers used for removing litter and manure.
6. Ventilate buildings and other closed spaces.
7. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub treated feed racks, troughs, mangers, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

**For Use to Clean and Disinfect Life Science Laboratory Surfaces:**

1. Pre-clean heavily soiled areas.
2. Apply product by coarse trigger sprayer to hard, non-porous inanimate surfaces. Spray 6 – 8 inches from surface, making sure to wet surfaces thoroughly.
3. Allow the surface to remain wet for 1 minute. Use a 5 minute contact time for Tb and a 10 minute contact time for fungi.
4. Wipe surfaces dry (or rinse) (or allow to air dry).

Read the label affixed to the container for this product (product brand name) before applying.

Use of this product (product brand name) according to this label is subject to the use precautions and limitations imposed by the label affixed to the container for this product (product brand name).

EPA Reg. No. 70627-56

ACCEPTED  
with COMMENTS  
in EPA Letter dated  
SEP 20 2012  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 70627-56